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B/O Form PTO-1449	v. Docket Number HOGL3001/REF	Serii A:	8
U.S. Department of Commerce Patent and Trademark Office	Applicant HOGLUND et al.	<i>h</i>	
Information Disclosure Statement by Applicant	Filing Date	Group	1
<u> </u>	March 15, 2002	<u> </u>	ll .

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner						Tran	slation
Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Yes	No
	WO 9907867 A1	2/18/99	WIPO				
	WO 9806862 A1	2/19/98	WIPO				
	WO 9818910 A1	5/7/98	WIPO				
	WO 9613149 A1	5/9/96	WIPO				
	WO 9930701 A1	6/24/99	WIPO				
	WO 9837874 A1	9/3/98	WIPO				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

 Documents (including Author, Title, Dute, Fertinent Fuges, Flace of Fublication, Ltc.)
Susan Budavari et al., "THE MERCK INDEX", twelfth edition, 1996, MERCK & CO., INC. NJ, see entries 890, "Astaxanthin"; 1798, "Canthaxanthin"; 10197, "Xanthophyll".
EMBL/GenBank/DDBJ databases, accession no. X86782, 1997-11-30, Harker N. et al., "H.pluvialis mRNA for beta-carotene C-4 oxygenase".
EMBL/GenBank/DDBJ databases, accession no. D45881, 1995-12-29, Kajiwarea S.: "Haematococcus pluvialis mRNA for bet-carotene ketolase, complete cds".
EMBL/GenBank/DDBJ databases, acession no. X86783, 1998-06-02, Harker M. et al., "H.pluvialis mRNA for phyteone desaturase".
EMBL/GenBank/DDBJ databases, acession no. AF082325, Sun Z. et al.: "Haematococcus pluvialis isopentenyl pyrophosphate:dimethylallyl pyrophosphate isomerase (ipiHp1) mRNA, complete cd, 1998-08-18.
EMBL/GenBank/DDBJ databases, acession no. AF082326, 1998-08-18, Sun Z. et al: "Haematococcus pluvialis isopenetyl pyrophosphate:dimethylallyl pyrophosphate isomerase (ipiHp2) mRNA, complete cds".
EMBL/GenBank/DDBJ databases, acession no. AF162276, 1999-09-10, Linden H.: "Haematococcus pluvialis carotenoid hydroxylase mRNA, partial cds".
Dialog Information Services, file 34, SciSearch, Dialog accession no. 04511134,BISWAL B; "Carotenoid catabolism during leaf senescence and its control by light"; & Journal of photochemistry and photobiology B-biology, 1995, v 30 N1 (SEP), P3-13.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B., vol. 30, 1995, BISWAL B. et al., "Carotenoid catabolism during leaf senescence and its control by light", page 3-page 13.

Examiner	Date Considered

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	<u> </u>	Sheet 1 of 1
B/O Form PTO-1449	N.Y. Docket Number HOGL3001/REF	per 10/070,412
U.S. Department of Commerce Patent and Trademark Office	Applicant HOGLUND et al.	10/070210
Information Disclosure Statement by Applicant	Filing Date	Group
	March 15, 2002	1 .

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	WO 9818910 A1	5/7/98	WIPO				
	WO 9613149 A1	5/9/96	WIPO				
	WO 9930701 A1	6/24/99	WIPO				
	WO 9837874 A1	9/3/98	WIPO			· · · · · ·	

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EMBL/GenBank/DDBJ databases, accession no. D45881, 1995-12-29, Kajiwarea S.: "Haematococcus pluvialis mRNA for bet-carotene ketolase, complete cds".
EMBL/GenBank/DDBJ databases, acession no. X86783, 1998-06-02, Harker M. et al., "H.pluvialis mRNA for phyteone desaturase".
EMBL/GenBank/DDBJ databases, acession no. AF082325, Sun Z. et al.: "Haematococcus pluvialis isopentenyl pyrophosphate:dimethylallyl pyrophosphate isomerase (ipiHp1) mRNA, complete cd, 1998-08-18.
EMBL/GenBank/DDBJ databases, acession no. AF082326, 1998-08-18, Sun Z. et al: "Haematococcus pluvialis isopenetyl pyrophosphate:dimethylallyl pyrophosphate isomerase (ipiHp2) mRNA, complete cds".
EMBL/GenBank/DDBJ databases, acession no. AF162276, 1999-09-10, Linden H.: "Haematococcus pluvialis carotenoid hydroxylase mRNA, partial cds".
Dialog Information Services, file 34, SciSearch, Dialog accession no. 04511134,BISWAL B; "Carotenoid catabolism during leaf senescence and its control by light"; & Journal of photochemistry and photobiology B-biology, 1995, v 30 N1 (SEP), P3-13.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B., vol. 30, 1995, BISWAL B. et al., "Carotenoid catabolism during leaf senescence and its control by light", page 3-page 13.

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